

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

01/26/2012

Luke Goldworm  
Assistant District Attorney, Suffolk County

Dear ADA Goldworm,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Peter Piro.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Peter Piro analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan  
Chemist  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6622

## Curriculum Vitae

### Annie Khan (Dookhan)

#### **Education:**

University of Massachusetts, Boston, Ma, Master of Science in Chemistry

University of Massachusetts, Boston, Ma, Bachelor of Science

Major: Biochemistry

Minor: Economics

#### **Experience:**

2003 – present

#### **Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory**

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Writing of the Standard Operating Procedures (SOPs) and Protocols.

\*Responsible for the Quality Control and Quality Assurance of analytical instruments, reagents and controls/standards.

\*Maintenance and repairs of analytical instruments.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court.

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health.

\*Notary Public.

2001 – 2003

#### **QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control**

\*Completed proficiency training conducted by a member of the staff within the MBL Quality Control and Quality Assurance Department for the Food and Drug Administration.

\*Method Development for creating new techniques for the QC Dept. and FDA.

\*Writing, revising and reviewing the Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

#### **Additional Courses:**

##### **Department of Justice – Forensics Professionals**

Introduction to Forensic Drug Chemistry

Chemical Spot Test and Mechanism for Illicit Drugs

Forensic Mass Spectrometry

Forensic Science 101: An Introduction

Fundamentals of Forensic Questioned Documents

Perspectives in Expert Testimony

Evidence Analysis

Ethics in Forensic Science

Transition to Leadership

Fundamentals of Forensic Toxicology

#### **Additional Trainings:**

Good Laboratory Practice/Good Manufacturing Practice (GLP/GMP) training with Massachusetts Biologic Laboratory.

Quality Control/Quality Assurance (QC/QA) training according to FDA Codes and Regulations.

Gas Chromatography (GC) and Gas Chromatography/Mass Spectrometry (GC/MS) trainings with Agilent Technologies and Restek.

High Power Liquid Chromatography (HPLC)and HPLC/MS/MS trainings with Waters Cooperation.

Fourier Transform Infrared Spectroscopy (FTIR) training with Spectros and Spectrum One.

Ultraviolet–Visible Spectroscopy (UV-Vis) training with Agilent Technologies and Beckman.

Total Organic Carbon Analyzer (TOC) training with MBL and Sievers.

#### **Associations:**

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Peter Piro

## **EDUCATION**

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Boston University

### **B.A. in Chemistry and Minor in Biology, 1989**

## HONORS

### **Magna Cum Laude, 3.6 GPA**

### **Graduated with Distinction in Chemistry**

## **Valedictorian of the Chemistry Department**

## **EXPERIENCE**

## **Department of Public Health/State Laboratory Institute**

**Laboratory Supervisor I/Chemist III, II, I/ Assistant Analyst      December 1991-Present**  
Supervise the operation and maintenance of the Gas Chromatography/Mass Spectrometry Laboratory. Train staff and coordinate schedules. Analyze controlled substances for State and Federal law enforcement agencies. Develop, oversee, and make improvements to the GC/MS laboratory's quality assurance/quality control (QA/QC) program. Serve as the Technical Supervisor of the Drug Analysis Laboratory. Responsible for planning and implementing Quality Improvement (QI) projects. Make recommendations for protocols and procedures by developing methods so work can be performed in an accurate and efficient manner. Purchase supplies for the laboratory. Qualified as an expert witness in Massachusetts courts and in U.S. District Court.

Massachusetts Health Research Institute

**Laboratory Technician** September 1990-December 1991

Researched the seasonal and special occurrences of DSP and PSP in shellfish samples harvested from coastal waters and Georges Bank using cELISA and bioassays.

## TRAINING AND ORGANIZATIONS

- \* Completed a six-week training course by senior staff within the Department of Public Health Drug Analysis laboratory.
- \* Appointed Assistant Analyst by the Assistant Commissioner of Public Health in February 1991, Notary Public since 1993.
- \* Elected as a Regular Member to the Northeastern Association of Forensic Chemists on October 27<sup>th</sup> 1995 and a member of the Massachusetts Organization of State Engineers and Scientists.
- \* Completed training in Mass Spectrometry given by the Food and Drug Administration/Forensic Chemistry Center on November 2002.\* Completed Mass Spectrometry Troubleshooting and Maintenance, Agilent Technologies,2002\* Completed Restek GC/MS Training, 2011\*Completed DEA Forensic Chemist Training, Special Testing and Research Laboratory, 2011.



## DRUG RECEIPT

CC # \_\_\_\_\_

BOOK # A2PAGE # 105

DESTRUCTION # \_\_\_\_\_

District/Unit F101D C-6Name & Rank of Arresting Officer PO PHILBIN / PO KLOMICKY ID# 10124/95184

DEFENDANT'S NAME	ADDRESS	CITY	STATE
		<u>SOUTH BOSTON</u>	<u>MA 02127</u>

DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	LAB USE ONLY	
		GROSS WEIGHT	ANALYSIS NUMBER
CLASS A 2 BROKEN PIECES OF ORANGE TABLETS BELIEVED TO BE "SUBOXONE"	2 BROKEN PIECES	1.66g	
CLASS C 31 TABLETS + SEVERAL LITTLE PIECES ORANGE COLORED BELIEVED TO BE "CLONIDINE"	31 TABLETS + BROKEN PIECES	3.79g	
CLASS C 5 SMALL WHITE TABLETS BELIEVED TO BE BS "CLOTHIDINE" (MYLAN) (S2)	5 TABLETS	1.99g	
CLASS E 2 YELLOW TABLETS BELIEVED TO BE "MIRTAZAPINE" (9-3 - 9206)	2 TABLETS	1.82g	

To be completed by ECU personnel only

Name and Rank of Submitting Officer Sgt. White ID# 11064Received by RIO Date 4-5-11

ECU Control # \_\_\_\_\_

No. [REDACTED] Date Analyzed: 6-21-11  
City: Boston D.C.U. Police Dept.  
Officer: P.O. SYBIL WHITE  
Def: [REDACTED]  
Amount: 2.0 Subst: BRKN TAB  
No. Cont: 1 Cont: pb  
Date Rec'd: 04/05/2011 No. Analyzed:  
Gross Wt.: 1.66 Net Weight: 0.17  
# Tests: 6-20 Q.P.P.D.

Prelim: Buprenorphine Findings: Buprenorphine

No. [REDACTED] Date Analyzed: 06-10-11  
City: Boston D.C.U. Police Dept.  
Officer: P.O. SYBIL WHITE  
Def: [REDACTED]  
Amount: 31.0 Subst: Tabs and  
No. Cont: 1 Cont: pb  
Date Rec'd: 04/05/2011 No. Analyzed:  
Gross Wt.: 3.79 Net Weight:  
# Tests: 1 ATR 82

Prelim: C Findings: Clonidine

No. [REDACTED] Date Analyzed: 06-10-11  
City: Boston D.C.U. Police Dept.  
Officer: P.O. SYBIL WHITE  
Def: [REDACTED]  
Amount: 5.0 Subst: AB  
No. Cont: 1 Cont: pb  
Date Rec'd: 04/05/2011 No. Analyzed:  
Gross Wt.: 1.97 Net Weight:  
# Tests: 1 ATR 82

Prelim: C Findings: Clonidine

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY BOSCO ANALYST ASJ

No. of samples tested: \_\_\_\_\_ Evidence Wt. \_\_\_\_\_

PHYSICAL DESCRIPTION: Gross Wt ( ) : \_\_\_\_\_

2 orange broken tablets  
17 - P3

Gross Wt ( ) : \_\_\_\_\_

Gross Wt ( ) : \_\_\_\_\_

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.1799

## PRELIMINARY TESTS

### Spot Tests

Cobalt

Thiocyanate (-) -

Marquis +

Froehde's \*

Mecke's -

### Microcrystalline Tests

Gold

Chloride \_\_\_\_\_

TLTA ( )

### OTHER TESTS

Gc +

## PRELIMINARY TEST RESULTS

RESULTS Bupropion

DATE 6-10-11

## GC/MS CONFIRMATORY TEST

RESULTS Bupropion

MS OPERATOR PJP

DATE 6-21-11

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST ASJ

No. of samples tested: \_\_\_\_\_ Evidence Wt: \_\_\_\_\_

PHYSICAL DESCRIPTION: Gross Wt ( ): \_\_\_\_\_

31 orange round tablet  
in 1 ps (broken tablet) Gross Wt ( ): \_\_\_\_\_

Pkg. Wt: \_\_\_\_\_

Net Wt: 2.2682



## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( )

Marquis \_\_\_\_\_

Froehde's \_\_\_\_\_

Mecke's \_\_\_\_\_

### Microcrystalline Tests

Gold  
Chloride \_\_\_\_\_

TLTA ( )

### OTHER TESTS

Mondes A (①)

## PRELIMINARY TEST RESULTS

RESULTS clonidine

DATE 6-10-11

## GC/MS CONFIRMATORY TEST

RESULTS \_\_\_\_\_

MS  
OPERATOR \_\_\_\_\_

DATE \_\_\_\_\_

## Drug Information

**DRUG NAME:** CLONIDINE HYDROCHLORIDE

**INGREDIENTS:** CLONIDINE HYDROCHLORIDE ~ 0.1 MG

**Color:** Orange

**NDC:** 0228-2127-10  
0228-2127-50

**Shape:** Circle

**Excipients:** Sodium Starch  
Glycolate ; FD&C Yellow No. 6  
Lake ; Starch, Corn ; D&C Yellow No. 10  
Aluminum Lake ; FD&C Yellow No. 6  
Aluminum Lake ; Lactose  
(Monohydrate) ; Magnesium Stearate

**Imprint:** P 127 The logo in this imprint  
may be interpreted as a "P" or an "R", R  
127 The logo in this imprint may be  
interpreted as a "P" or an "R"

**Regulatory Status:** RX

**Form:** Oral Tablet

**Availability:** United States

**Available-Container-Size:** Bottle of  
100 , Bottle of 500

**Product ID:** 3624974

**AAPCC Code:** 201081 - Clonidine

**Contact:** Actavis Elizabeth

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# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST AJ

No. of samples tested: \_\_\_\_\_ Evidence Wt: \_\_\_\_\_

PHYSICAL DESCRIPTION: Gross Wt ( ): \_\_\_\_\_

5 white rectangular  
15.15g

Gross Wt ( ): \_\_\_\_\_

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.4571



## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( )

Marquis \_\_\_\_\_

Froehde's \_\_\_\_\_

Mecke's \_\_\_\_\_

### Microcrystalline Tests

Gold  
Chloride \_\_\_\_\_

TLTA ( )

### OTHER TESTS

Momordica A (✓)

## PRELIMINARY TEST RESULTS

RESULTS cloridure

DATE 6-10-11

## GC/MS CONFIRMATORY TEST

RESULTS \_\_\_\_\_

MS  
OPERATOR \_\_\_\_\_

DATE \_\_\_\_\_

## Drug Information

**DRUG NAME:** CLONIDINE HYDROCHLORIDE

**INGREDIENTS:** CLONIDINE HYDROCHLORIDE ~ 0.1 MG

**Color:** White

**NDC:** 51079-0299-17

**Shape:** Circle

00378-0152-01

51079-0299-66

**Imprint:** MYLAN 152

51079-0299-01

51079-0299-20

**Form:** Oral Tablet

51079-0299-19

**Available-Container-Size:** Strip of  
1 , Bottle of 100 , Strip of 30 , Strip of  
100 , Strip of 25 , Strip of 90 , Bottle of  
1000

51079-0299-62

00378-0152-10

51079-0299-63

**AAPCC Code:** 201081 - Clonidine

**Excipients:** Sodium Lauryl  
Sulfate ; Ammonium Chloride ; Silicon  
Dioxide, Colloidal ; Croscarmellose  
Sodium (Type A) ; Magnesium  
Stearate ; Cellulose, Microcrystalline

**Regulatory Status:** RX

**Availability:** United States

**Product ID:** 5150133

**Contact:** Mylan Pharmaceuticals

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# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY BOSTON. ANALYST A32

No. of samples tested: \_\_\_\_\_ Evidence Wt: \_\_\_\_\_

PHYSICAL DESCRIPTION: Gross Wt ( ): \_\_\_\_\_

2 yellow oral tablets  
17 185

Gross Wt ( ): \_\_\_\_\_

Gross Wt ( ): \_\_\_\_\_

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.3092

7206

9/3

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( )

Marquis \_\_\_\_\_

Froehde's \_\_\_\_\_

Mecke's \_\_\_\_\_

### Microcrystalline Tests

Gold  
Chloride \_\_\_\_\_

TLTA ( )

### OTHER TESTS

Mandec A10

## PRELIMINARY TEST RESULTS

RESULTS Mirtazapine

DATE 6-10-11

## GC/MS CONFIRMATORY TEST

RESULTS \_\_\_\_\_

MS  
OPERATOR \_\_\_\_\_

DATE \_\_\_\_\_

## Drug Information

**DRUG NAME:** MIRTAZAPINE

**INGREDIENTS:** MIRTAZAPINE -- 15 MG

**Color:** Yellow

**Shape:** Circle

**Imprint:** 9 3 On one side of the tablet, it is debossed with number 9 on one side of the score and number 3 on the other side of the score. The other side of the tablet is debossed with number 7206. , 7206

**Form:** Oral Tablet

**Available-Container-Size:** Box of 100 , Bottle of 30

**AAPCC Code:** 077731 - Other Types of Antidepressant

**NDC:** 0093-7206-93  
0093-7206-56

**Excipients:** Ferric Oxide, Yellow ; PEG-150 ; Silicon Dioxide, Colloidal ; Starch, Corn ; Hypromellose ; Lactose (Monohydrate) ; Magnesium Stearate ; PEG-400 ; Povidone ; Titanium Dioxide

**Regulatory Status:** RX

**Availability:** United States

**Product ID:** 6365484

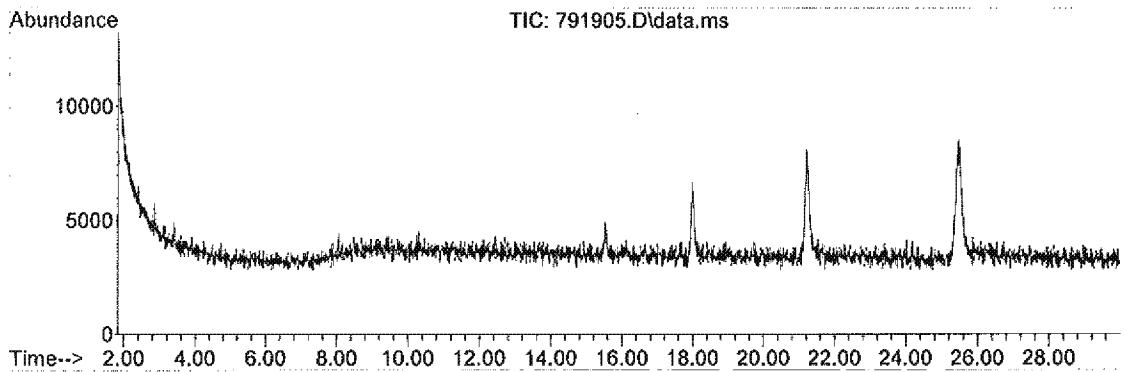
**Contact:** Teva Pharmaceuticals

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✓ PPIRO  
1-25-12

## Information from Data File:

File Name : F:\Q2-2011\SYSTEM 6\06\_15\_11\791905.D  
Operator : NEM/PPIRO  
Date Acquired : 15 Jun 2011 14:59  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE



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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

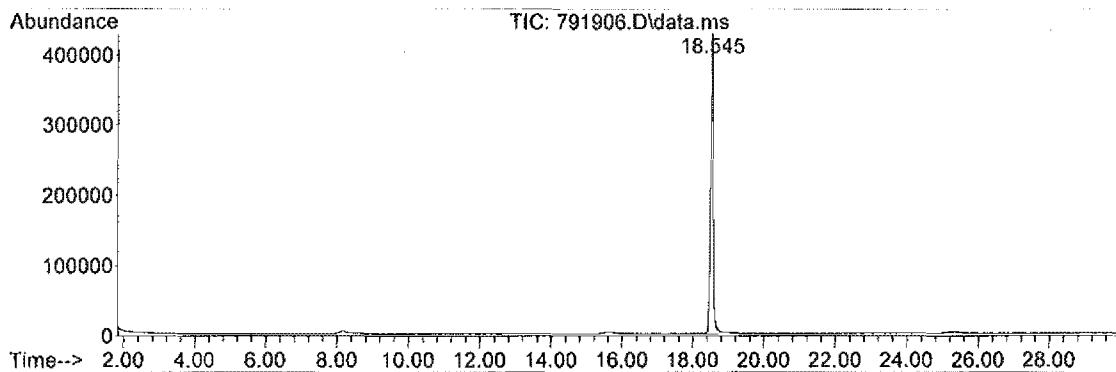
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2011\SYSTEM 6\06\_15\_11\791906.D  
Operator : NEM/PPIRO  
Date Acquired : 15 Jun 2011 15:33  
Sample Name : BUPRENORPHINE STD  
Submitted by :  
Vial Number : 6  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
18.545	2128466	100.00	100.00

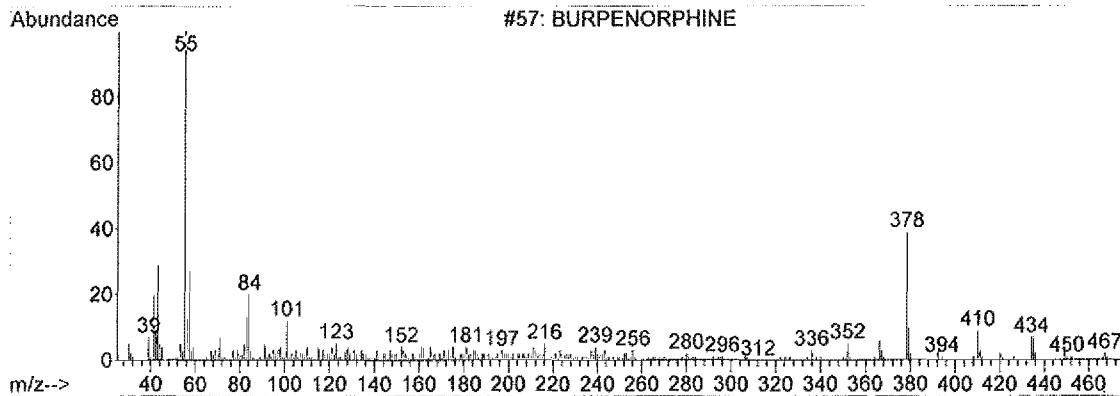
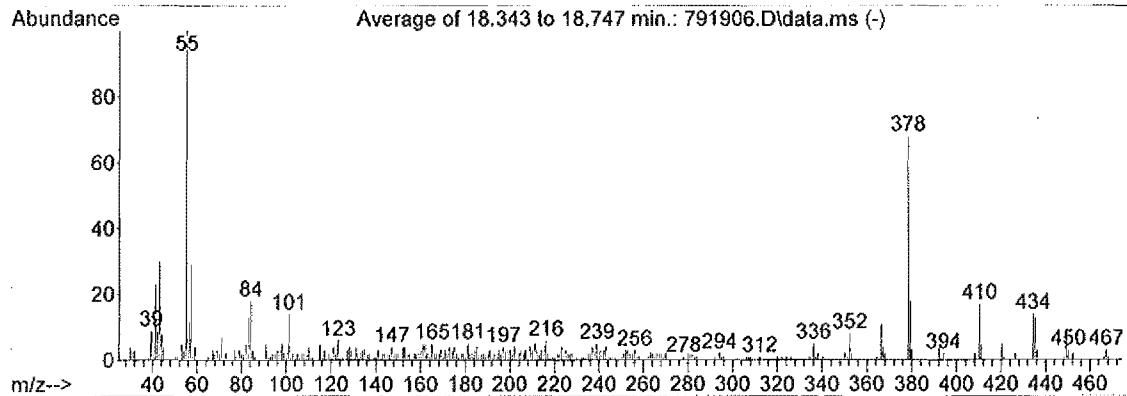
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## Information from Data File:

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 Date Acquired : 15 Jun 2011 15:33  
 Sample Name : BUPRENORPHINE STD  
 Submitted by :  
 Vial Number : 6  
 AcquisitionMeth: WSCREEN.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST08.L Minimum Quality: 10  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	18.55	C:\Database\SLI.L		
		BUPRENORPHINE	052485-79-7	99
		BUPRENORPHINE	052485-79-7	99

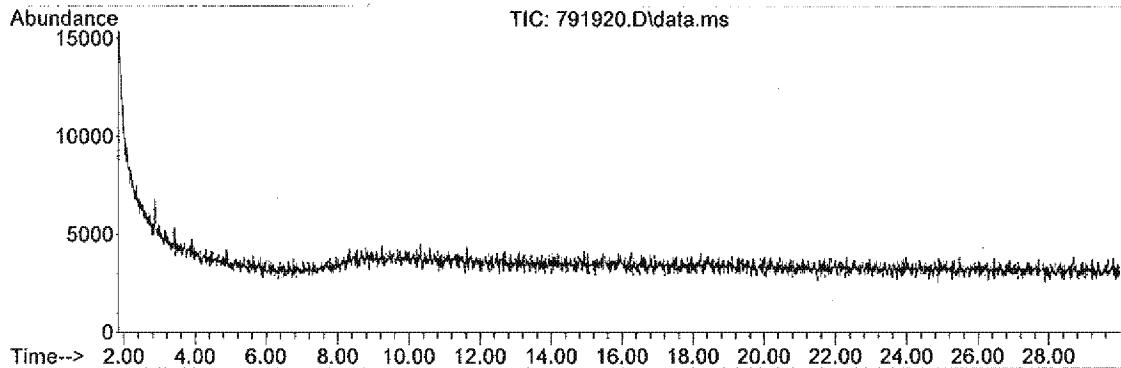


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Information from Data File:

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Operator : NEM/PPIRO  
Date Acquired : 15 Jun 2011 23:32  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE

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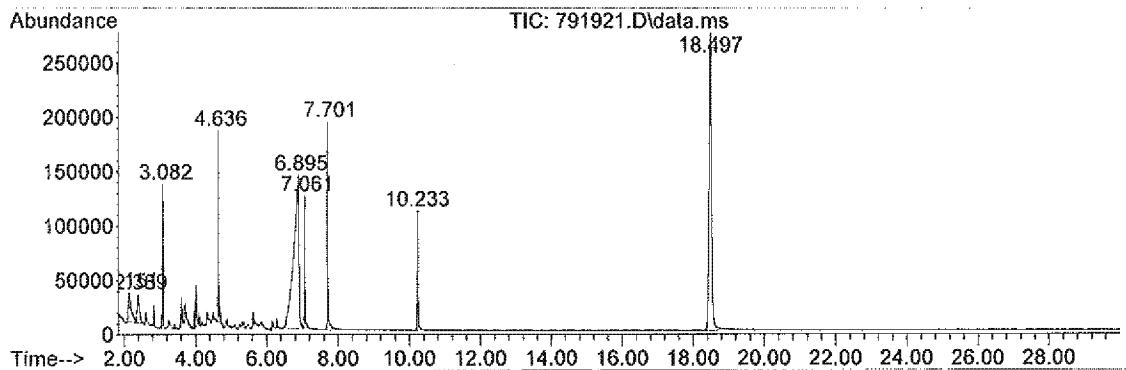
Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : F:\Q2-2011\SYSTEM 6\06\_15\_11\791921.D  
Operator : NEM/PPIRO  
Date Acquired : 16 Jun 2011 00:06  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 21  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE



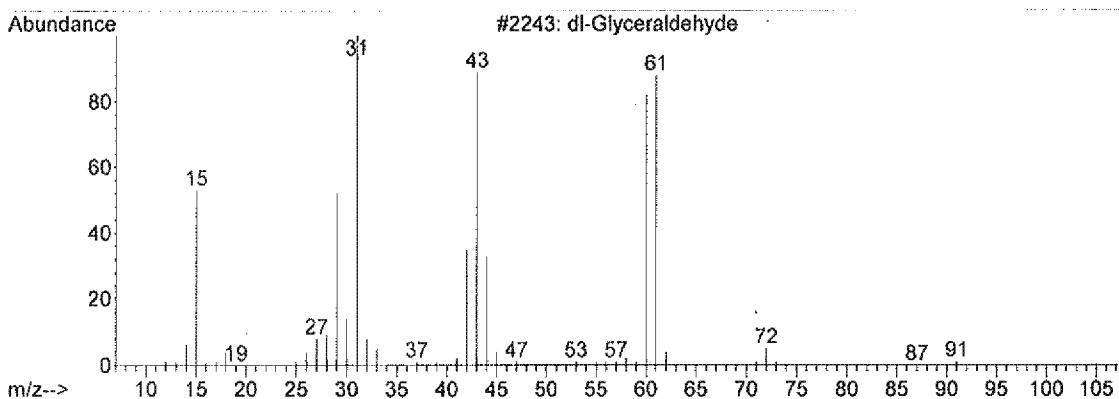
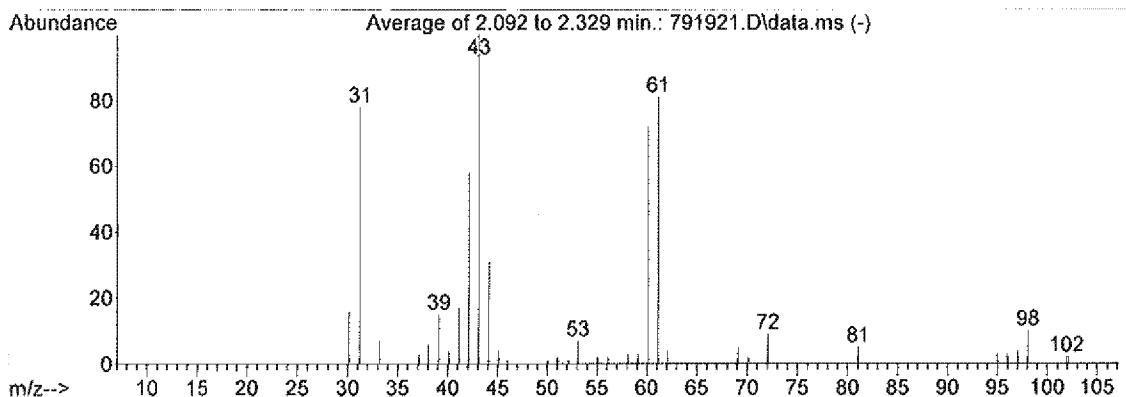
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2.389	117245	2.99	8.28
3.082	173004	4.41	12.22
4.636	203179	5.18	14.35
6.895	1415945	36.06	100.00
7.061	128482	3.27	9.07
7.701	221511	5.64	15.64
10.233	179157	4.56	12.65
18.497	1334341	33.99	94.24

## Information from Data File:

File Name : F:\Q2-2011\SYSTEM 6\06\_15\_11\791921.D  
Operator : NEM/PPIRO  
Date Acquired : 16 Jun 2011 00:06  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 21  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.15	C:\Database\NIST08.L		
		dl-Glyceraldehyde	000056-82-6	72
		dl-Glyceraldehyde dimer	026793-98-6	39
		2-Butanone, 4-hydroxy-3-methyl-	003393-64-4	38



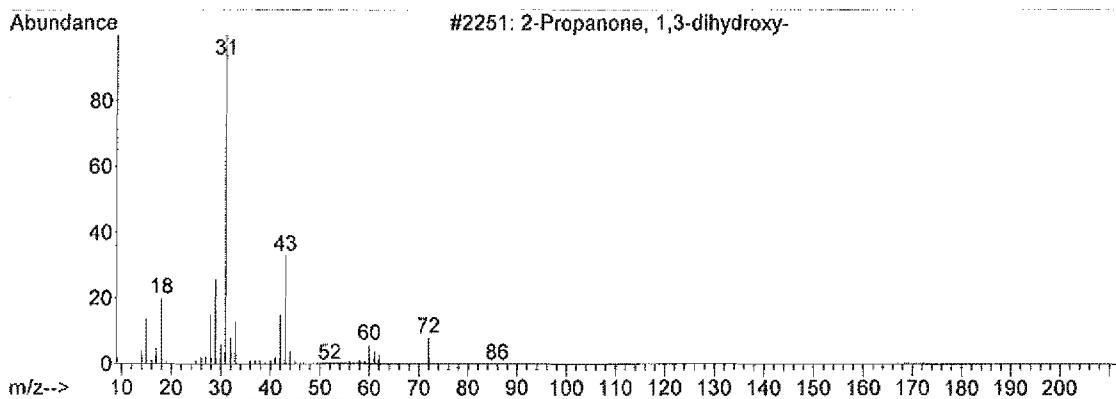
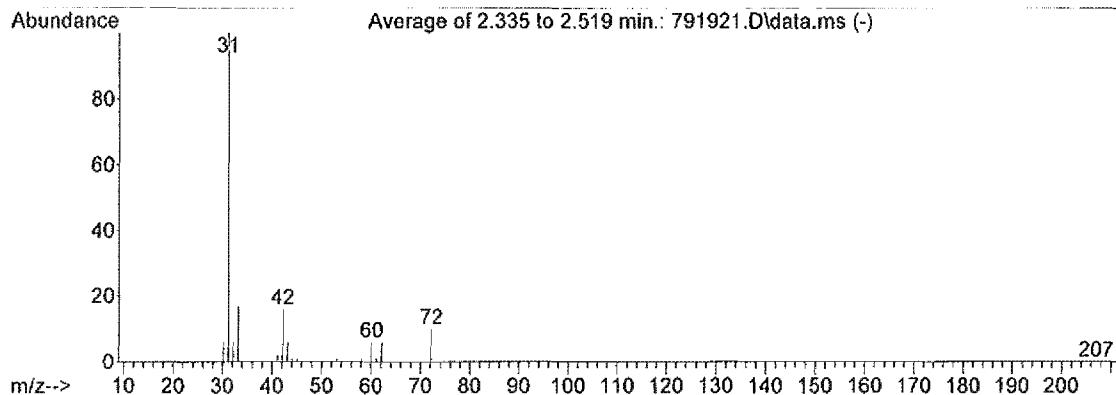
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## Information from Data File:

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Date Acquired : 16 Jun 2011 00:06  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 21  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.39	C:\Database\NIST08.L		
		2-Propanone, 1,3-dihydroxy-	000096-26-4	83
		dl-Glyceraldehyde dimer	026793-98-6	64
		Acetaldehyde, hydroxy-	000141-46-8	45



Area Percent / Library Search Report

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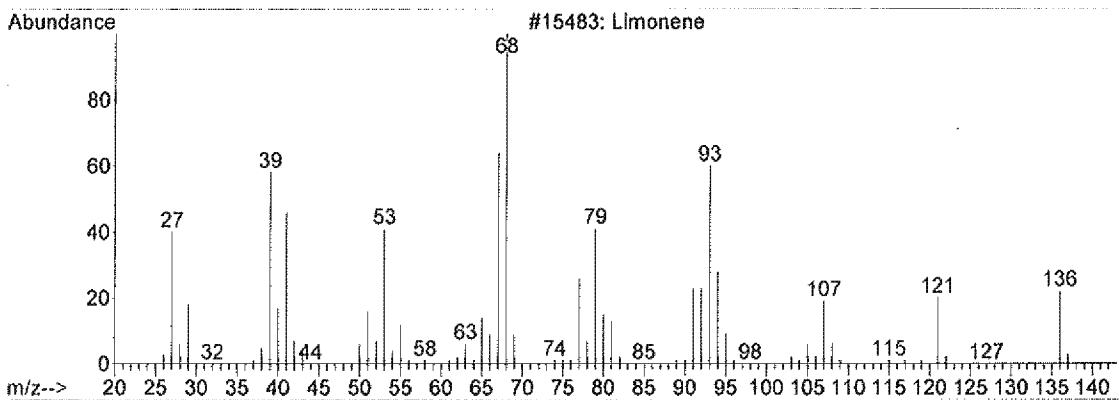
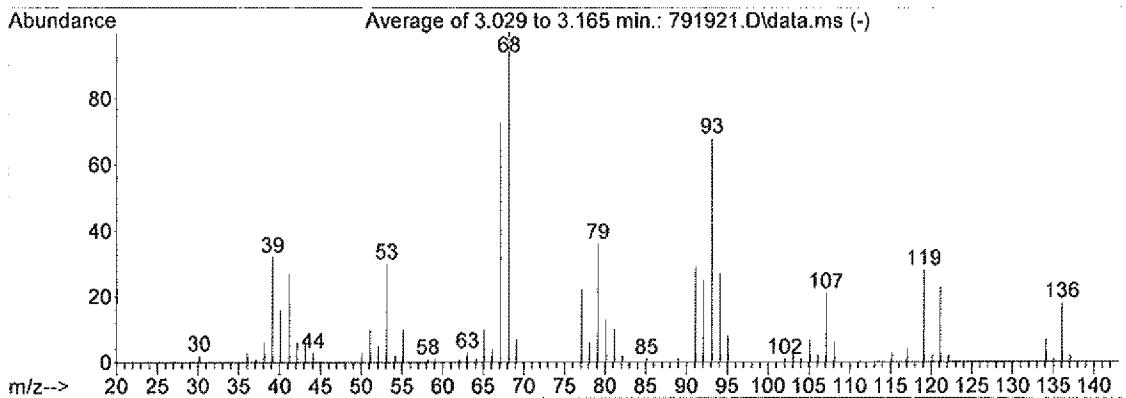
Information from Data File:

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Operator : NEM/PPIRO  
Date Acquired : 16 Jun 2011 00:06  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 21  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE

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Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	3.08	C:\Database\NIST08.L		
		Limonene	000138-86-3	93
		Cyclohexene, 1-methyl-4-(1-methyl	007705-14-8	90
		D-Limonene	005989-27-5	90



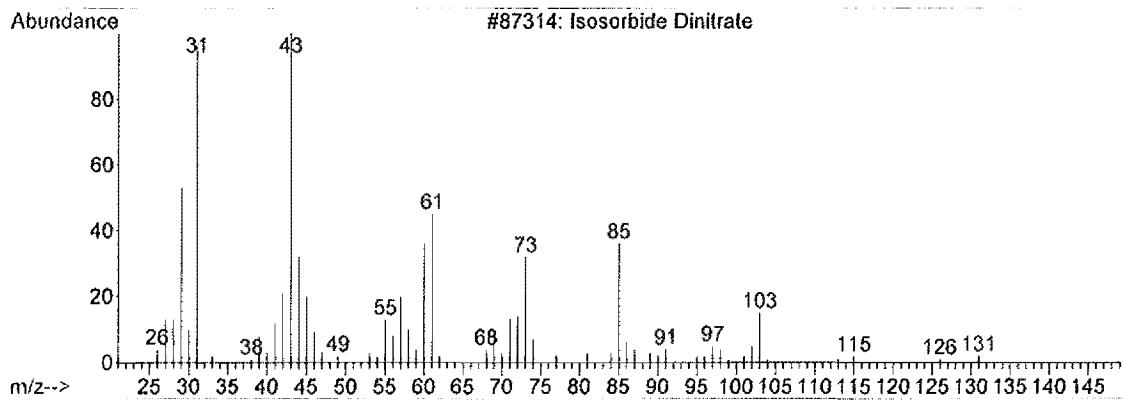
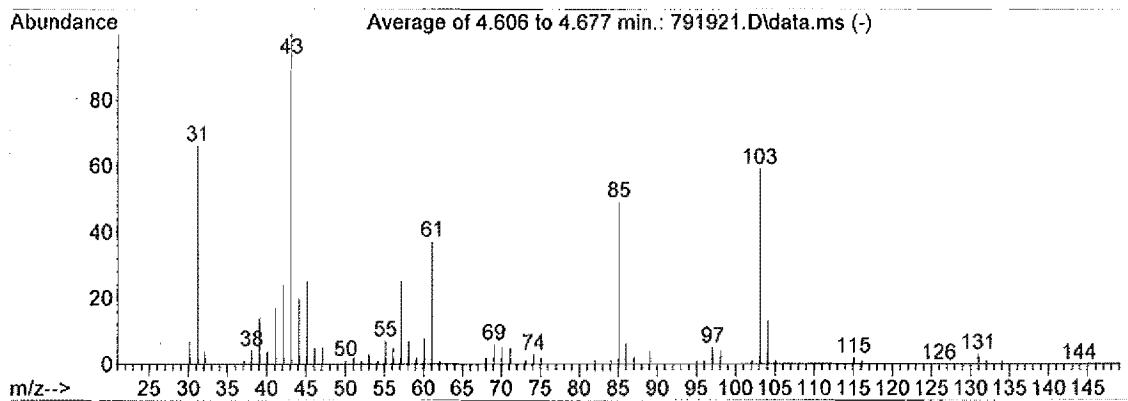
## Area Percent / Library Search Report

## Information from Data File:

File Name : F:\Q2-2011\SYSTEM 6\06\_15\_11\791921.D  
Operator : NEM/PPIRO  
Date Acquired : 16 Jun 2011 00:06  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 21  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	4.64	C:\Database\NIST08.L		
		Isosorbide Dinitrate	000087-33-2	38
		Butanoic acid, 3-oxo-, hexyl ester	013562-84-0	38
		d-Glycero-d-galacto-heptose	077770-51-5	37



# Area Percent / Library Search Report

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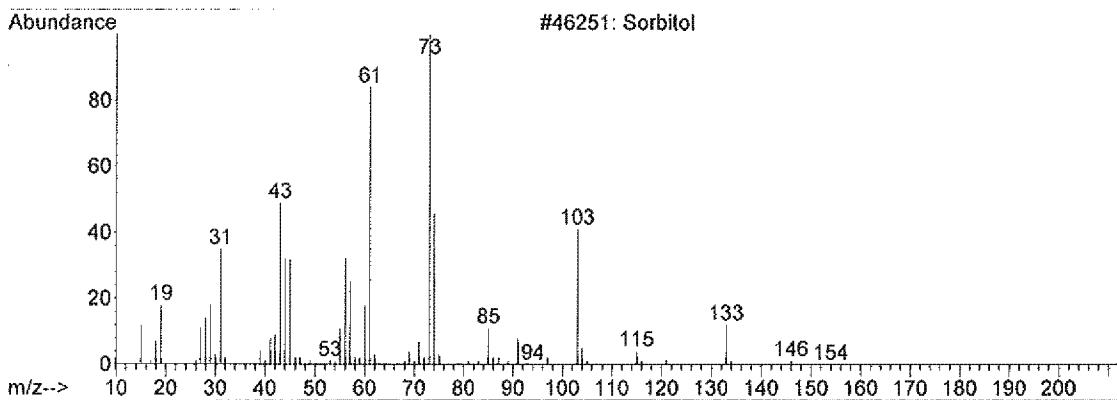
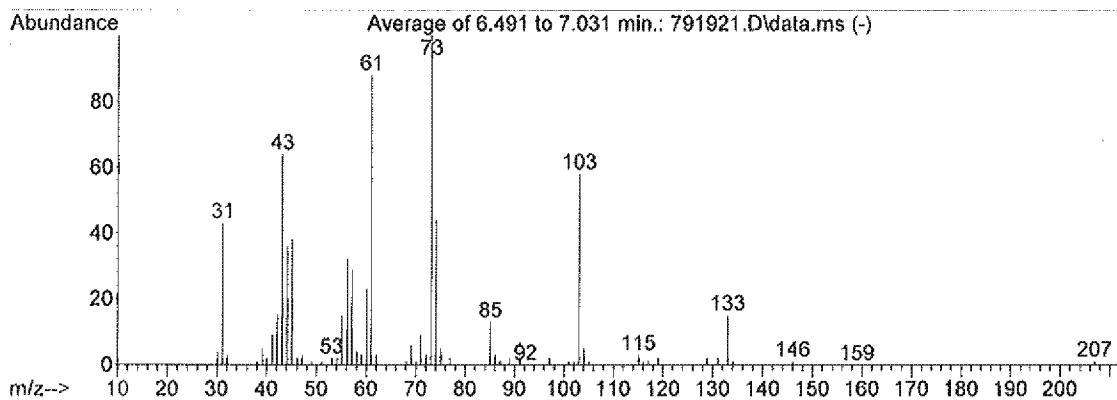
**Information from Data File:**

File Name : F:\Q2-2011\SYSTEM 6\06\_15\_11\791921.D  
Operator : NEM/PPIRO  
Date Acquired : 16 Jun 2011 00:06  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 21  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE

---

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	6.89	C:\Database\NIST08.L		
		Sorbitol	000050-70-4	91
		Sorbitol	000050-70-4	91
		Glucitol	026566-34-7	86



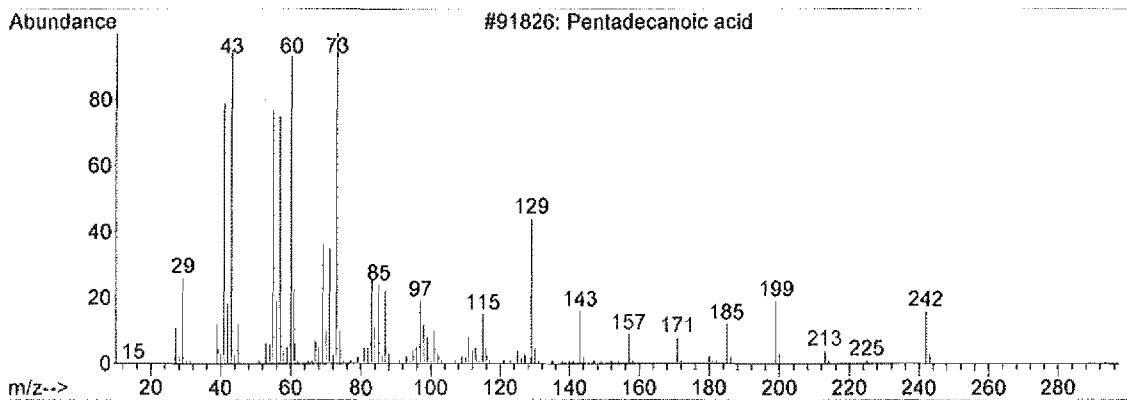
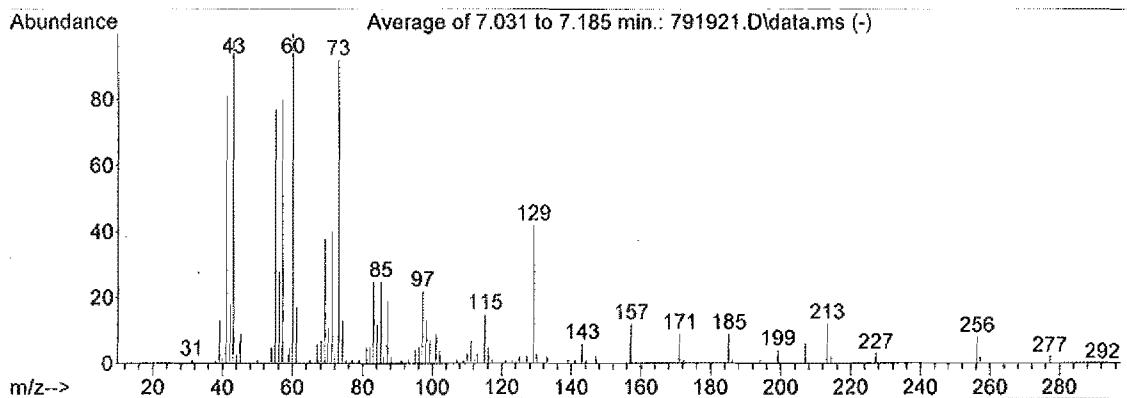
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2011\SYSTEM 6\06\_15\_11\791921.D  
 Operator : NEM/PPIRO  
 Date Acquired : 16 Jun 2011 00:06  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 21  
 AcquisitionMeth: WSCREEN.M  
 Integrator : RTE

Search Libraries:	C:\Database\SLI.L	Minimum Quality: 80
	C:\Database\NIST08.L	Minimum Quality: 10
	C:\Database\PMW_TOX2.L	

PK#	RT	Library/ID	CAS#	Qual
6	7.06	C:\Database\NIST08.L		
		Pentadecanoic acid	001002-84-2	87
		n-Hexadecanoic acid	000057-10-3	86
		n-Hexadecanoic acid	000057-10-3	78



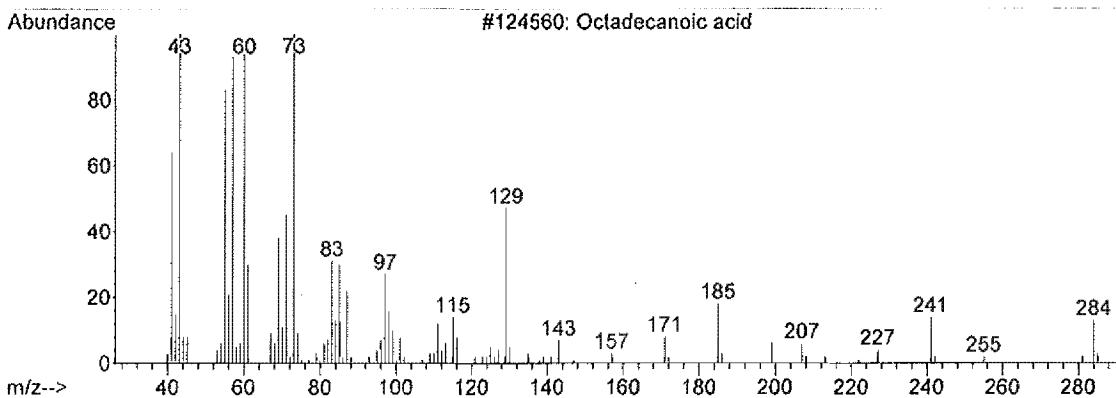
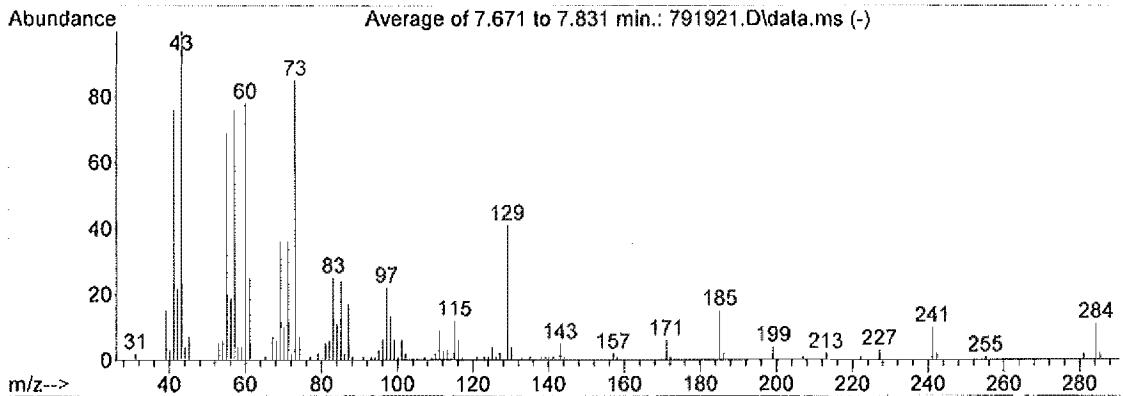
## Area Percent / Library Search Report

## Information from Data File:

File Name : F:\Q2-2011\SYSTEM 6\06\_15\_11\791921.D  
Operator : NEM/PPIRO  
Date Acquired : 16 Jun 2011 00:06  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 21  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
7	7.70	C:\Database\NIST08.L		
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	97

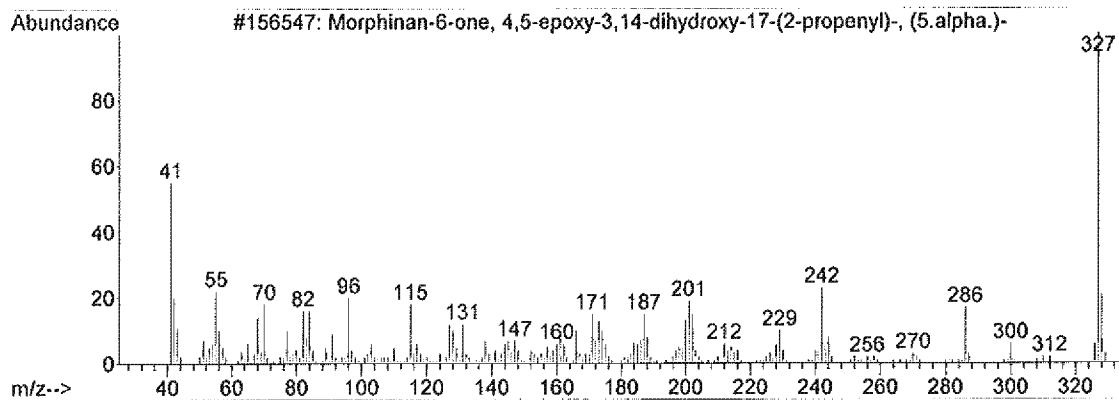
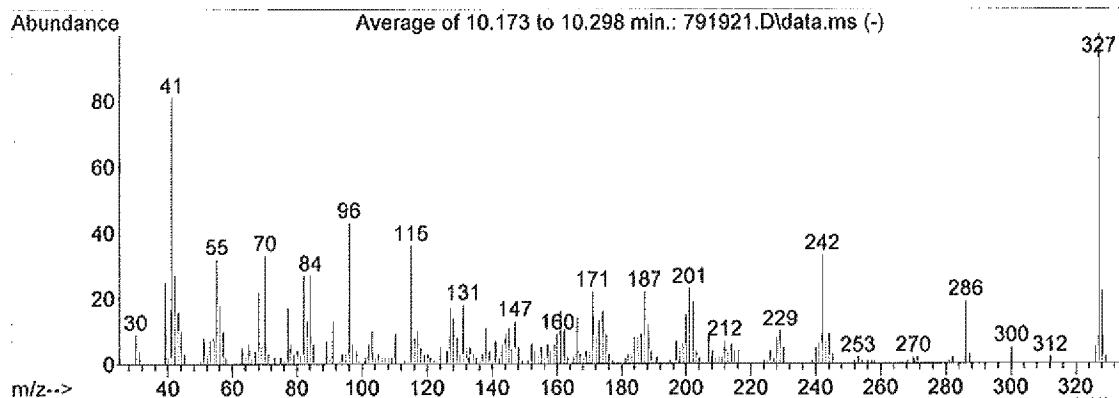


## Information from Data File:

File Name : F:\Q2-2011\SYSTEM 6\06\_15\_11\791921.D  
Operator : NEM/PPIRO  
Date Acquired : 16 Jun 2011 00:06  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 21  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
8	10.23	C:\Database\NIST08.L		
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	95
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	70

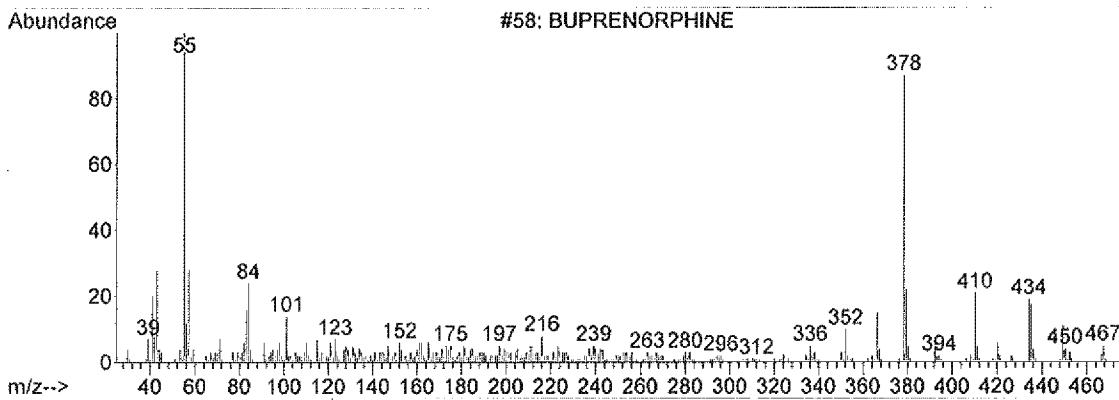
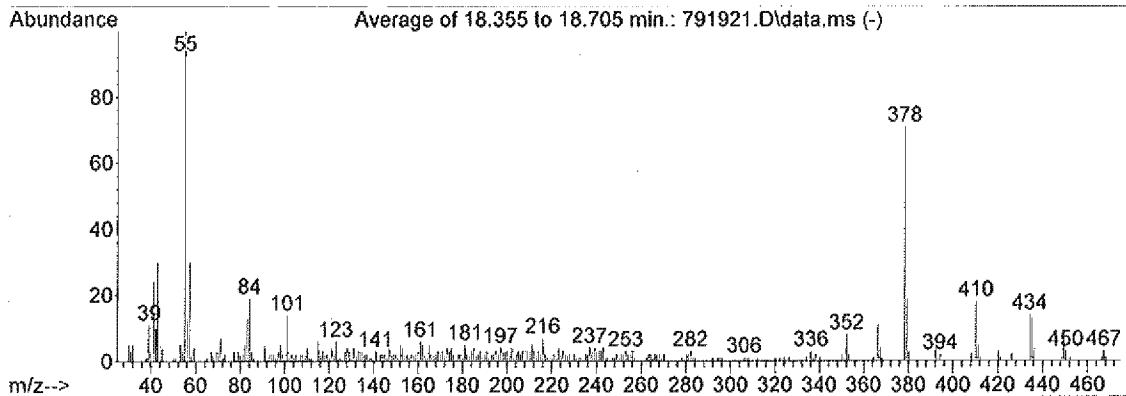


## Information from Data File:

File Name : F:\Q2-2011\SYSTEM 6\06\_15\_11\791921.D  
Operator : NEM/PPIRO  
Date Acquired : 16 Jun 2011 00:06  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 21  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
9	18.50	C:\Database\SLI.L		
		BUPRENORPHINE	052485-79-7	99
		BURPENORPHINE	052485-79-7	99

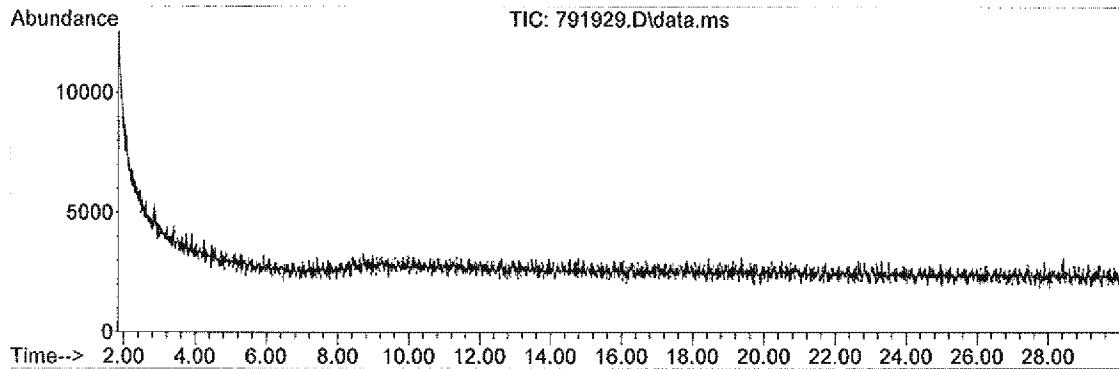


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Information from Data File:

File Name : F:\Q2-2011\SYSTEM 6\06\_15\_11\791929.D  
Operator : NEM/PPIRO  
Date Acquired : 16 Jun 2011 4:39  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

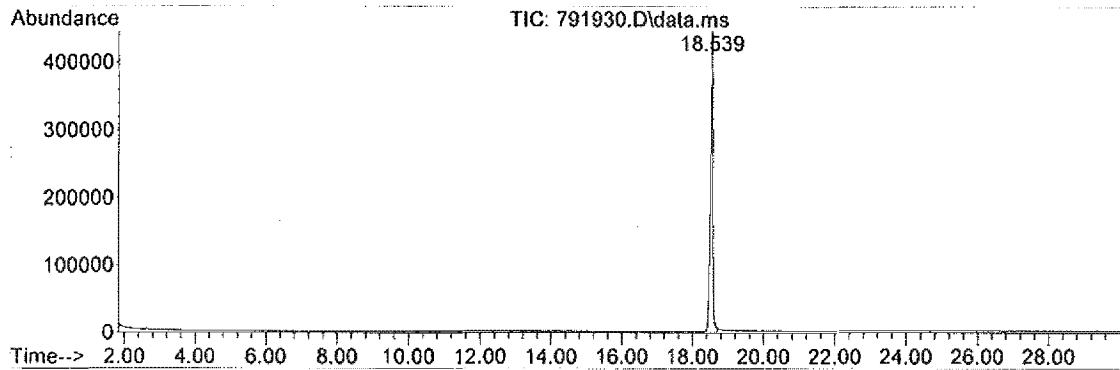
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2011\SYSTEM 6\06\_15\_11\791930.D  
Operator : NEM/PPIRO  
Date Acquired : 16 Jun 2011 5:13  
Sample Name : BUPRENORPHINE STD  
Submitted by :  
Vial Number : 6  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
18.539	2060624	100.00	100.00

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## Area Percent / Library Search Report

## Information from Data File:

File Name : F:\Q2-2011\SYSTEM 6\06\_15\_11\791930.D  
Operator : NEM/PPIRO  
Date Acquired : 16 Jun 2011 5:13  
Sample Name : BUPRENORPHINE STD  
Submitted by :  
Vial Number : 6  
AcquisitionMeth: WSCREEN.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 10  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	18.54	C:\Database\SLI.L		
		BUPRENORPHINE	052485-79-7	99
		BURPENORPHINE	052485-79-7	99

